

UNIVERSITY OF RHODE ISLAND

The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE:

REPORT NO. 2001-2002-7

At meeting No. 378 held March 29, 2002, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information

A. College of Engineering

1. Department of Chemical Engineering

a. Temporary Course:

**CHE 544X Reaction Engineering 3 Introduction, multiple reactions, fuel cells, batteries, catalytic reactors, mathematical methods for calculation of reactor performance, and special problems. (Lec)
Pre: CHE 464 or equivalent**

II. Matters Requiring Confirmation by Faculty Senate

A. College of Arts and Sciences

1. Department of Biological Sciences

a. Add (New):

BIO 564 Elasmobranch Biology 3 Sharks, skates, rays and chimeras of the world. Their structure, evolution, classification, ecology and physiology. (Lec) Pre: BIO 204 or BIO 466. Graduate standing or permission of instructor.

B. College of Human Science and Services

1. School of Education

a. Add (New):

EDC 568 Teaching Diverse Learners in Standards Based Classrooms 3 This course examines theory and strategies for differentiating instruction for learners to meet the needs of a diverse population in a regular heterogeneously grouped standards based classroom. Development and refinement of integrated units using differentiated instructional strategies and adapting standards based instruction for diverse learners is emphasized as well as evaluating results. (Lec) Pre: EDC 400 or 424 or 448 or permission of instructor.

C. Graduate School of Oceanography

1. Change:

OCG 689 Coastal Marine Ecosystems - change description and prerequisite to read:

Basic principles of estuarine and coastal ecology. Offered Spring semester only. Two 1-hour lecture-discussion sessions per week. Pre: Undergraduate or graduate science major, basic ecology course.

2. Add (New):

OCG 545 Volcaniclastic Sedimentation 3 Generation of volcanic particles by explosive volcanism, the processes by which they are dispersed on land and in the sea, and physical characteristics of their deposits in different volcanic environments. (Lec) Pre: OCG 540 or permission of instructor.

D. College of Business

1. Changes:

Change course codes and credits as follows:

Old Code/Credit	New Code/Credit
BAC 530 (3)	MBA 500 (3)
MGT 695 (3)	MBA 502 (3)
ACC 610 (4)	MBA 503 (3)

FIN 601 (4)	MBA 504 (3)
MKT 601 (4)	MBA 505 (3)
ACC 611 (3)	MBA 510 (3) * *scheduled to be removed from the catalog-would like it to be retained
MSI 620 (2)	MBA 520 (3)
BSL 600 (3)	MBA 530 (3)
MGT 696 (3)	MBA 540 (3)
MIS 600 (2)	MBA 550 (3)
MSI 640 (2)	MBA 560 (3)
FIN 660 (3)	MBA 570 (3)
MGT 681 (3)	MBA 590 (3)
MBA 693	MBA 593
MBA 694	MBA 594

(ACC 610) MBA 503 Financial Accounting - change description and prerequisite to read:

Covers basic accounting principles, accounting systems design, and financial reporting issues. Focusing on financial statement analysis techniques necessary to accurately assess a company's financial position and results of operations. (Lec) Pre: BAC 520, MBA 500

(FIN 601) MBA 504 Financial Management - change description and prerequisite to read:

Functions and responsibilities of financial managers. Examination of: Financial statement analysis, cost of capital, capital structure, valuation, markets, capital budgeting, working capital, mergers, bankruptcy multinational finance. (Lec) Pre: BAC 520 and 530 (or equivalent), MBA 501, 503

(MKT 601) MBA 505 Managerial Marketing - change prerequisite to read:

Pre: BAC 520 and 530 (or equivalent), MBA 500, or permission of instructor.

E. College of Engineering

1. Department of Electrical Engineering

a. Add (New):

ELE 546 Design of Computer-Based Instrumentation 3 Design of memory systems, input-output techniques, direct memory access controllers, instrument buses, video displays, multi- and co-processors, real-time operations, device handler integration into high-level language and mass storage. (Lec 2/Lab 3) Pre: ELE 408 or permission of instructor.

ELE 610 Applications of Information Theory 3 Information theoretic underpinnings and practical techniques for data compression, channel coding for error control, and encryption and cryptography for secure information transmission. (Lec) Pre: ELE 509 or permission of instructor.